

SEQUENCE LISTING

<110> Biochemical and Pharmacological Laboratories Inc.

<120> A screening method for physiologically active substance

<130> 03-061-PCT

<160> 9

<210> 1

<211> 138

<212> PRT

<213> Homo sapiens

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Met Gln Leu Glu Ile Gln Val Ala Leu Asn Phe Ile Ile Ser Tyr Leu
1 5 10 15

Tyr Asn Lys Leu Pro Arg Arg Arg Val Asn Ile Phe Gly Glu Glu Leu
20 25 30

Glu Arg Leu Leu Lys Lys Lys Tyr Glu Gly His Trp Tyr Pro Glu Lys
35 40 45

Pro Tyr Lys Gly Ser Gly Phe Arg Cys Ile His Ile Gly Glu Lys Val
50 55 60

Asp Pro Val Ile Glu Gln Ala Ser Lys Glu Ser Gly Leu Asp Ile Asp
65 70 75 80

Asp Val Arg Gly Asn Leu Pro Gln Asp Leu Ser Val Trp Ile Asp Pro
85 90 95

Phe Glu Val Ser Tyr Gln Ile Gly Glu Lys Gly Pro Val Lys Val Leu
100 105 110

Tyr Val Asp Asp Asn Asn Glu Asn Gly Cys Glu Leu Asp Lys Glu Ile
115 120 125

Lys Asn Ser Phe Asn Pro Glu Ala Gln Val
130 135

<210> 2

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2

Tyr Glu Gly His Trp Tyr Pro Glu Lys Pro Tyr Lys Gly Ser Gly Phe
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Arg Cys Ile

<210> 3

<211> 21

<212> PRT

<213> Homo sapiens

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Leu Pro Gln Asp Leu Ser Val Trp Ile Asp Pro Phe Glu Val Ser Tyr
1 5 10 15

Gln Ile Gly Glu Lys
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<210> 4

<211> 285

<212> PRT

<213> Homo sapiens

<400> 4

Met Pro Ala Glu Thr Val Asp His Ser Gln Arg Ile Cys Glu Val Trp
1 5 10 15

Ala Cys Asn Leu Asp Glu Glu Met Lys Lys Ile Arg Gln Val Ile Arg
20 25 30

Lys Tyr Asn Tyr Val Ala Met Asp Thr Glu Phe Pro Gly Val Val Ala
35 40 45

Arg Pro Ile Gly Glu Phe Arg Ser Asn Ala Asp Tyr Gln Tyr Gln Leu
50 55 60

Leu Arg Cys Asn Val Asp Leu Leu Lys Ile Ile Gln Leu Gly Leu Thr
65 70 75 80

Phe Met Asn Glu Gln Gly Glu Tyr Pro Pro Gly Thr Ser Thr Trp Gln

	85	90	95
Phe Asn Phe Lys Phe Asn Leu Thr Glu Asp Met Tyr Ala Gln Asp Ser			
	100	105	110
Ile Glu Leu Leu Thr Thr Ser Gly Ile Gln Phe Lys Lys His Glu Glu			
	115	120	125
Glu Gly Ile Glu Thr Gln Tyr Phe Ala Glu Leu Leu Met Thr Ser Gly			
	130	135	140
Val Val Leu Cys Glu Gly Val Lys Trp Leu Ser Phe His Ser Gly Tyr			
	145	150	155
Asp Phe Gly Tyr Leu Ile Lys Ile Leu Thr Asn Ser Asn Leu Pro Glu			
	165	170	175
Glu Glu Leu Asp Phe Phe Glu Ile Leu Arg Leu Phe Phe Pro Val Ile			
	180	185	190
Tyr Asp Val Lys Tyr Leu Met Lys Ser Cys Lys Asn Leu Lys Gly Gly			
	195	200	205
Leu Gln Glu Val Ala Glu Gln Leu Glu Leu Glu Arg Ile Gly Pro Gln			
	210	215	220
His Gln Ala Gly Ser Asp Ser Leu Leu Thr Gly Met Ala Phe Phe Lys			
	225	230	235
Met Arg Glu Met Phe Phe Glu Asp His Ile Asp Asp Ala Lys Tyr Cys			
	245	250	255
Gly His Leu Tyr Gly Leu Gly Ser Gly Ser Ser Tyr Val Gln Asn Gly			
	260	265	270
Thr Gly Asn Ala Tyr Glu Glu Glu Ala Asn Lys Gln Ser			
	275	280	

<210> 5
 <211> 30
 <212> DNA
 <213> Artificial Sequence

 <220>

<223> PCR primer to amplify *tob* gene

<400> 5

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cccggatcca tgcagcttga aatccaagta

<210> 6

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> PCR primer to amplify *tob* gene

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cccgtcgacg ttagccataa caggctggaa

<210> 7

<211> 21

<212> DNA

<213> Artificial Sequence

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<223> PCR primer to amplify *lck* gene

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<210> 8

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> PCR primer to amplify *lck* gene

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cccgtcgaca ggctgaggct ggtactggcc

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<212> DNA

<213> Artificial Sequence

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<223> PCR primer to amplify *lckYF* gene

<400> 9

cccgtcgaca ggctgaggct gaaactggcc

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